20010419.qrp v02_n164.qrl.20010419

Date: Thu, 19 Apr 2001 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2164

QRP-L Digest 2164

Topics covered in this issue include:

 1) [96649] RE: long wire antennas
 by Nick Kennedy <nkennedy@tcainternet.com>
 2) [96650] icom test
 by "Michael Herman" <kc9nf@hotmail.com>
 3) [96651] RE: [TECH] RX/TX Offset Question (long)
 by Nick Kennedy <nkennedy@tcainternet.com>
 4) [96652] re: PSK using the White Moutain-20?
 by Radiohead <hduff@ica.net>
 5) [96653] More: Tone goes up and down
 by "Patrick McVey" <mcveyp.MOHAVE@narbha.com>
 6) [96654] re: regen es glowbug xmitter
 by neil <wa4chq@qsl.net>
 7) [96655] Re: Harbor Freight Misleading Advertising - BEWARE
 by "Brian Murrey" <bmurrey@amexol.net>
 8) [96656] KITS - NC-20 keyer help needed
 by n5ib@juno.com
 9) [96657] icom fl100/fl52a wanted
 by "Michael Herman" <kc9nf@hotmail.com>
 10) [96658] K2LKK's IC-735 Spoken for: TM-331A left
 by wb2vuo@juno.com
 11) [96659] Icom Handheld Accessories for Sale
 by NM5Mike@aol.com
 12) [96660] Spring QSO Party results
 by KB7WW Art Moe <kb7ww@chatusa.com>
 13) [96661] Re: Harbor Freight Misleading Advertising - BEWARE
 by Bill Stietenroth <k5zty@juno.com>
 14) [96662] Re: Harbor Freight Misleading Advertising - BEWARE
 by bob evinger <wd9eka@arrl.net>
 15) [96663] Re: Tone goes up and down
 by "Steve Yates, AA5TB" <aa5tb@arrl.net>
 16) [96664] items for sale
 by "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
 17) [96665] Re: [TECH] RX/TX Offset Question (long)
 by "Steven Weber" <kd1jv@moose.ncia.net>
 18) [96666] qrp ssb
 by Fran Flynn <fflynn@adelphia.net>
 19) [96667] Re: Harbor Freight Misleading Advertising - BEWARE

by "Dennis Payton" <dpayton@fwi.com>
20) [96668] Tuna Tin II
by Rick Conners WA7ND <wa7nd@arrl.net>
21) [96669] Re: Harbor Freight Misleading Advertising - BEWARE
by "Brian" <bmurrey@amexol.net>
22) [96670] Re: KITS - NC-20 keyer help needed
by "E. Roswell" <eroswell@monmouth.com>
23) [96671] RE: qrp SSB
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
24) [96672] Re: Harbor Freight Misleading Advertising - BEWARE
by tailfeathers@juno.com
25) [96673] Re: Tuna Tin II
by "Mike WA8BXN" <hubby2k@hotmail.com>
26) [96674] Re: KITS - NC-20 keyer help needed
by "E. Roswell" <eroswell@monmouth.com>
27) [96675] RE: Harbor Freight Misleading Advertising - BEWARE
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
28) [96676] Re: qrp ssb
by "Mike Yetsko" <myetsko@insydesw.com>
29) [96677] RE: long wire antennas
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
30) [96678] Re: Harbor Freight Misleading Advertising - BEWARE
by "Mike Yetsko" <myetsko@insydesw.com>
31) [96679] RE: [fpqrp] Harbor Freight Misleading Advertising - BEWARE
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
32) [96680] RE: qrp ssb
by "AI2Q Alex" <ai2q@adelphia.net>
33) [96681] Re: qrp SSB
by "Richard Matthews" <prm@hiwaay.net>
34) [96682] Re: [fpqrp] Harbor Freight Misleading Advertising - BEWARE
by mulveyr@iname.com
35) [96683] Re: 2N2/40
by sigcom@juno.com
36) [96684] K1 in TF land
by Kt3acam@aol.com
37) [96685] Fun with Ferrites (longish)
by "Chuck Carpenter" <w5usj@globeco.net>
38) [96686] Spencer Battery Charger
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
39) [96687] Re: Fun with Ferrites (longish)
by Bill Jones <kd7s@psnw.com>
40) [96688] Re: Fun with Ferrites (longish)
by "George, W5YR" <w5yr@att.net>
41) [96689] Tuna Tin II Parts Query
by "Doug Hendricks" <ki6ds@dph.dpol.net>
42) [96690] Re: long wire antennas
by Glen Reid <k5fx@flash.net>
43) [96691] Re: Tuna Tin II

by Walter D Amos <walt_amos@juno.com>
44) [96692] Re: Fun with Ferrites (longish)
by "Bob Tellefsen" <n6wg@earthlink.net>
45) [96693] Re: Harbor Freight Misleading Advertising - BEWARE
by Russ Dow <n7dw@pacbell.net>
46) [96694] SPRAT CD's
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
47) [96695] THIRD NEQRP SSB NET SUCCESSFUL!
by "Ronald A. Pfeiffer" <Ronald_A_Pfeiffer@res.raytheon.com>
48) [96696] Contest: QRPDUPE - New Version
by Brian Kassel <bkassel@dancris.com>
49) [96697] Re: SPRAT CD's
by "Ingo DK3RED" <dk3red@t-online.de>
50) [96698] Re: KITS - NC-20 keyer help needed
by Bob Nielsen <nielsen@oz.net>
51) [96699] QRP Nets
by "Mugleston, Brad" <brad.mugleston@gwl.com>
52) [96700] Re: KITS - NC-20 keyer help needed
by Bob Welch <p326@earthlink.net>
53) [96701] Harbor Freight?
by Euramcom <mel@euramcom.freeserve.co.uk>
54) [96702] Re: qrp ssb
by Bob Nielsen <nielsen@oz.net>
55) [96703] Re: qrp SSB
by "Ed Juge/NM" <ed@juge.org>
56) [96704] Re: Harbor Freight?
by "Mike Yetsko" <myetsko@insydesw.com>
57) [96705] RE: qrp ssb
by "AI2Q Alex" <ai2q@adelphia.net>
58) [96706] RE: qrp SSB
by Michael Melland <w9wis@charter.net>
59) [96707] Re: Harbor Freight?
by Bill Jones <kd7s@psnw.com>
60) [96708] VE7SL's Tuna Tin WAS is Official!
by "David Bixler" <dbixler@co.seneca.k12.mo.us>
61) [96709] Re: Harbor Freight?
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
62) [96710] Re: refusing "made in China"
by adamvaz@palm.net (Adam Vazquez)
63) [96711] Re: SPRAT CD's
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
64) [96712] Re: Harbor Freight?
by Phil Wheeler <w7ox@earthlink.net>
65) [96713] You must stop me NOW! I need some intervention here!
by nilsbull@juno.com
66) [96714] Re: Fun with Ferrites (longish)
by "Chris Trask" <ctrask@qwest.net>
67) [96715] Re: qrp SSB

by "Francis Callahan" <colcal@srv.net>

Date: Wed, 18 Apr 2001 18:26:58 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'johan_smet@pandora.be'" <johan_smet@pandora.be>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96649] RE: long wire antennas
Message-ID: <01C0C835.2801C380.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Seems pretty on topic to me.

My personal experiences with longwires ...

Fairly crummy signal reports.
Getting shocked when I touched the rig.
RF feedback sometimes bad enough that the rig would lock in transmit until I turned it off. And on field day Murphy's Law is in full force, so look for this big-time.

Others have had better results. Maybe if I had: (1) Adjusted the length to get rid of high voltage ... (2) had a really good ground or even better, some radials ... (3) gotten the antenna higher ... I would have had better results too.

On gain, I agree with other posters that unless you're going to orient the antenna so the lobes go in the favored direction, you don't get any benefit. In fact, you're bound to end up with negative gain to some directions.

Lately, our club's Field Day antenna for the CW station for all bands has been a 180 foot dipole fed with 450 ohm line thru a Johnson Matchbox.
Works really well.

If you go with the longwire, let us know how it worked.

72 & good luck. with it.

Nick, WA5BDU

-----Original Message-----
From: Johan Smet [SMTP:johan_smet@pandora.be]

This might be slightly out of topic. If so, sri for the bandwidth taken.

My question relates to the effectiveness of long single wire antennas for
HF
fieldday operation.

Date: Wed, 18 Apr 2001 23:52:05
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [96650] icom test
Message-ID: <LAW2-F59hiOEKcYjkMH0000d36a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

<html><DIV>
<P>test test

</P></DIV><br clear=all><hr>Get your FREE download of MSN
Explorer at http://explorer.msn.com
</
p></html>

Date: Wed, 18 Apr 2001 18:56:24 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'wb8wtu@yahoo.com'" <wb8wtu@yahoo.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [96651] RE: [TECH] RX/TX Offset Question (long)
Message-ID: <01C0C839.4499E000.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Whoa! A slightly complicated subject made even more so--by the separate TX
and RX offset.

It shouldn't be necessary to have a separate RX and TX offset. Often, the
same local oscillator is used for both the TX and RX, with a common VFO.
 Then I guess either one (usually the VFO) would be shifted 700 Hz on
transmit and you're done.

Which way you shift determines whether you must listen to the lower or
upper side of zero beat. (With a single signal superhet, you don't have a
choice, but with a DC receiver, tuning to the wrong side puts you off
frequency by 1.4 kHz.)

But I guess having the separate LO for TX and RX can give you some
flexibility, like was done on the 2N2/40. Adjust the one on the RX to peak

the signal in the crystal filter's passband for the note you want.

How do you adjust it or know it's adjusted correctly? If you have a "main rig", you can use it. I put them both on dummy loads to avoid overload. Turn the RIT off on both rigs, of course. Transmit on the QRP homebrew rig and tune for the proper note on your rice box. Then transmit on the Kenwood and verify the proper note on the homebrew rig. (And make sure you're on the strong side of zero beat if it's a single-signal receiver.) Tweak the offset and repeat as necessary until both rigs are hearing the right note.

I'm kinda fixated on this "proper side of zero beat" thing for DC receivers. Since it makes the band twice as crowded, it seems all the more important to add RIT so you can choose which side to listen to. I'm in the process of adding RIT to my 30 meter Ugly Weekender / R1 combination now for that reason.

72--Nick, WA5BDU

Date: Wed, 18 Apr 2001 20:03:20 -0400
From: Radiohead <hduff@ica.net>
To: qrp-l@lehigh.edu, donaldphilbin@hotmail.com
Subject: [96652] re: PSK using the White Moutain-20?
Message-ID: <3ADE2B48.8B72C807@ica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don;
Talk to Dave at SWL about this. Apparently, the origins of the PSK-31 rigs he now sells were based on the White Mountain series.
The main change would involve replacing the VFO with a xtal controlled oscillator as stability for PSK-31 is more critical than the VFO can provide.

Cheers de Hugh VA3TO

Date: Tue, 17 Apr 2001 23:07:04 -0700
From: "Donald Philbin" <donaldphilbin@hotmail.com>
To: qrp-l@lehigh.edu

Subject: [96591] PSK using the White Moutain-20?
Message-ID: <F257fJiY9ZNMjiGwYt700004d35@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Has anyone used the White Moutain 20 (Dave Benson's design) on psk?
What if any mods were done to the rig and what software did you use?

I have an older 150 Mhz Pentium with 64Meg ram but lots of hard disk
space.

Any advice accepted.

D.K. Philbin KD6TK
In sunnny San Luis Obispo, Ca!

Date: Wed, 18 Apr 2001 16:00:39 -0700
From: "Patrick McVey" <mcveyp.MOHAVE@narbha.com>
To: <qrp-l@lehigh.edu>
Subject: [96653] More: Tone goes up and down
Message-ID: <saddc8a6.053@mail.narbha.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

George & others,
 It's a K9AY 40m QRP/CW xcvr I built from an A&A Engineering kit. I =
have since perused the schematics & QST article for more info. I tuned & =
aligned it. The filter is comprised of 4 matched crystals & two adjustable =
coils. Don't remember the design type, but Gary Breed's article discusses =
it thoroughly. I received another comment that it might be "blow-by." I =
took this to mean a strong RF signal from the BPF emitted too much signal. =
In turn, the mixer/detector did its sum & difference. That's the same =
thing as image response (right?). I need to double check my signal =
generator and RF probe to make sure I was injecting the correct signal =
while aligning my filter section. I sped thru the alignment to get it =
listening then build a tuner & keyer. I'm in the mop-up phase.
 WOWWEE was my attempt at symbolizing the low to high pitch of the =
received signal. My little Strunk & White book says don't write that way. =
Sorry E.B.
Patrick KC7AIR

Date: Wed, 18 Apr 2001 20:31:37 -0400
From: neil <wa4chq@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [96654] re: regen es glowbug xmitter
Message-ID: <3ADE31E9.BC5DFD30@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all-
Again many thanks for the replies and info.....you guys are great. Some have found the articles and have offered to make copies. Fantastic-
72-
Neil wa4chq

Date: Wed, 18 Apr 2001 20:22:33 -0500
From: "Brian Murrey" <bmurrey@amexol.net>
To: "John Moriarity" <k6qq@hdo.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96655] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <003201c0c86f$388d8e20$0f64030a@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John it would be different if the package had a couple of different ratings, but it doesn't. So I'm left to surmise that HF is so illiterate they can not read the product packaging.....or they could read it and decided to sell more by telling a bigger tale. It gets my goat when companies pull this crap. I may go ahead and turn them in to the Postmaster General's office purely out of spite....I'm otherwise a nice calm guy that like to play with solder and stuff.

----- Original Message -----
From: "John Moriarity" <k6qq@hdo.net>
To: <bmurrey@amexol.net>; "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 18, 2001 5:25 PM
Subject: Re: Harbor Freight Misleading Advertising - BEWARE

>
> > > Well, both 'ratings' may be true. Your 90ma 12v may be a 'true'
> > > rating. I.e. 90ma AT 12v (under a specific load condition)
>
> Mike is right. If you research solar panels, you'll find
> that many are rated at open circuit voltage and short
> circuit current in *full* sunlight. I'd never expect to get
> the *full* rated current. The current output is also
> temperature dependent, decreasing at high temperatures.
>
> My "15 watt" panel (designed for battery charging) only
> outputs about 150 mA (short circuit) on a cloudy day.
>
> 73,
>
> John, K6QQ
>
>
>

Date: Wed, 18 Apr 2001 21:30:07 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [96656] KITS - NC-20 keyer help needed
Message-ID: <20010418.202844.7591.0.n5ib@juno.com>

I have a NorCal club NC-20, but don't have a full set of docs. I need
some training on the keyer functions.

After power up, pressing the keyer button cycles thru:

S - I know that's speed setting
T - that goes into tune mode
A - bit of a mystery here
K - again, not sure of function

if I release the button after the A, then tap either paddle, then press
the keyer button again, it cycles thru

I
P
A
SK
M
B

K

I'm really in the dark about these except that I found that tapping one of the paddles after SK puts me in straight key mode - which is what I wanted

how about it, NC-20 users... can this J-38 afficianado be trained in the ways of the TIC keyer??

72
Jim N5IB

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Date: Thu, 19 Apr 2001 02:07:10
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [96657] icom fl100/fl52a wanted
Message-ID: <LAW2-F102mpXcf1UDJW0000db91@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

wanted fl100/fl52a
 mike N9NF

kc9nf@hotmail.com tnx

Get your FREE download of MSN Explorer at http://explorer.msn.com

Date: Wed, 18 Apr 2001 22:15:53 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [96658] K2LKK's IC-735 Spoken for: TM-331A left
Message-ID: <20010418.221554.-313551.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lou, K2LKK asked that I post that his IC-735 & accessories is spoken for.
 A list member in MN, but I forgot the call he told me.

He still has the Kenwood TM-331A @ $250

Contact Lou at k2lkk@eznet.net

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY Section
My night light runs more power than my Rig!!!
Replies - mailto:wb2vuo@arrl.net

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http://dl.www.juno.com/get/tagj.

Date: Wed, 18 Apr 2001 22:27:59 EDT
From: NM5Mike@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [96659] Icom Handheld Accessories for Sale
Message-ID: <64.d2a4bf8.280fa72f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I found a couple of accessories that I had for an Icom IC2AT handheld that may be of interest.

IC DC1- Battery Eliminator, Allows you to power the IC2A from a 12 V DC supply - $12 Shipping Incl.

IC BP4 - Alkaline Battery Pack, Holds 6 AA batteries $12 Shipping Incl.

Regards,

Eric NM5M

Date: Thu, 17 Apr 2008 19:45:19 -0700
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [96660] Spring QSO Party results
Message-ID: <48080B3F.A24C3A95@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Had a good time and thanks to all who stopped by. Bands as you know
were to put it nicely el-stinko. Hope I learned from this experience
and so I can do better in the future.

72's
Art
KB7WW

Contest: ARCI Fall/Spring QSO Party

Exchanged Information: KB7WW

Hours of Operation:_____20______ Hours.

Band	QSOs	Points	Mult's
160	0	0	0
80	0	0	0
40	24	96	13
20	90	383	31
15	97	412	29
10	7	32	4
6	0	0	0
2	0	0	0
Totals	219	923	81

TX Power Code = 7; My member number = 8818;
Total Score: 523341 Points

Date: Wed, 18 Apr 2001 19:04:08 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-l@lehigh.edu

Subject: [96661] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <20010418.220056.-3872321.0.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

We have a new Harbor Freight store here in my area and the first time I went
in it, I could just smell the cheap plastic wraped junk. Look at one of the parts
manual for one of their Chicago Electric hand tools or one of their machine
tools and there are key numbers for the parts but no part numbers and there is
no name or address to order from. Their band saw is unusable as delivered and
if you break one of the cast pot metal parts it's history.
You get what you pay for, cheap price, cheap tool.

Bill, K5ZTY
Houston,TX

Date: Wed, 18 Apr 2001 21:31:53 -0500 (EST)
From: bob evinger <wd9eka@arrl.net>
To: Brian Murrey <bmurrey@amexol.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96662] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <Pine.LNX.4.21.0104182124330.5881-100000@wd9eka_srv.evinger.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

And if you want to see real diversity on how temperature effects
solar panels. I have approximately a 450 watt pv array. In theory
it should put out around 28 amps at approx 17 volts in full cloudless
sun on a 70 degree day (give or take an amp or two) :).

In the cold of winter with snow on the ground I have seen that
array put out over 35 amps but on a hot summer day I plan on
only about 20-21 amps in full sun due to temperature. It can
be a real blast watching the amp meter on a partly cloudy day
when they are shaded long enough to cool down and then get a
blast of full sun. Amps will shoot up to 30+ amps for a short period
until the panels warm up again.

Oh and on cloudy days depending on density of clouds I can see
between 4 and 6 amps coming out. Except for the darkest dreariest days

I usually get something out of them. It is almost never a 0 amp hour charge day with that size array. But I guess it is a QRO panel. It does make the temperature and light level change effects much more obvious though. I have a recording amp meter and track the day to day generation of my panels for my own purposes.

bob

On Wed, 18 Apr 2001, Brian Murrey wrote:

> John it would be different if the package had a couple of different ratings,
> but it doesn't. So I'm left to surmise that HF is so illiterate they can not
> read the product packaging.....or they could read it and decided to sell
> more by telling a bigger tale. It gets my goat when companies pull this
> crap. I may go ahead and turn them in to the Postmaster General's office
> purely out of spite....I'm otherwise a nice calm guy that like to play with
> solder and stuff.
>
>
> ----- Original Message -----
> From: "John Moriarity" <k6qq@hdo.net>
> To: <bmurrey@amexol.net>; "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Wednesday, April 18, 2001 5:25 PM
> Subject: Re: Harbor Freight Misleading Advertising - BEWARE
>
>
> >
> > > > Well, both 'ratings' may be true. Your 90ma 12v may be a 'true'
> > > > rating. I.e. 90ma AT 12v (under a specific load condition)
> >
> > Mike is right. If you research solar panels, you'll find
> > that many are rated at open circuit voltage and short
> > circuit current in *full* sunlight. I'd never expect to get
> > the *full* rated current. The current output is also
> > temperature dependent, decreasing at high temperatures.
> >
> > My "15 watt" panel (designed for battery charging) only
> > outputs about 150 mA (short circuit) on a cloudy day.
> >
> > 73,
> >
> > John, K6QQ
> >
> >
> >
>

>
>

--
Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Wed, 18 Apr 2001 21:16:24 -0500
From: "Steve Yates, AA5TB" <aa5tb@arrl.net>
To: QRP-L Distibute <qrp-l@Lehigh.EDU>
Subject: [96663] Re: Tone goes up and down
Message-ID: <003c01c0c876$bcb44200$0e713ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Patrick,

Sounds like an image response to me. A bit more front-end selectivity
should take care of it.

73,
Steve Yates - AA5TB
Fort Worth, Texas
Grid Square: EM12gs
aa5tb@arrl.net
http://www.geocities.com/aa5tb/

Date: Wed, 18 Apr 2001 23:32:54 -0400
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "Nvqs-Y" <nvqs@yahoogroups.com>, "NVQS-S" <NVQS@smartgroups.com>, "NJ-QRP
List" <njqrp@njqrp.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96664] items for sale
Message-ID: <LPBBJAGIPFHKPJENAKLOKEGBEGAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now that I have a fully tricked out K-1, a new Z-11 and a new FT-817. I
have a surplus of rigs and my Spring hamfest funds are low.

Small Wonder Labs WM-75 - monoband SSB rig 4 watts PEP fairly low current drain, great trail rig - I got it as a 'fixer upper' - it needed some work, I cleaned up a number of the original constructor's mistakes and aligned it ... the receiver is pretty good, the transmit audio still needs some more work ... kit sells new for $100 plus $60 for housing and controls, PIC based CW frequency read out ... I will offer it for $80 including the speaker mike and the manual/schematic

Oak Hills Research OHR100a CW Transceivers. I have two of them one on 40 meters one of 30 meters. I have made a number of contacts with both. The receivers are superhet and pretty hot, the keying is crisp, there is RF,AF gain, and RIT. The three crystal filter is adjustable from 1300 down to under 400 Hz wide. The output is adjustable from 200 mW to 5.1 watts. See Nov 2000 QST for a review. The kits sell for $130 new, case included. I am asking $85 for each including the manual and schematic for each. I also have one 10 turn Pot kit for the OHR100A, unopened, they retail for $15, $15 takes it, but $10 if you buy one or both OHR100As.

MFJ 9020 - CW Transceiver - early model unit ... the drift mods were made. I have the manual and some of Paul Harden's old 90XX newsletters. $70

Figure about $5 for shipping ... lets talk ... cheers ...

72/73 de brian, n1bq

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<mailto:n1bq@wulfden.org>
NoVT QRP Society <http://www.wulfden.org/NVQS/>
AMSAT LM-1418 NJQRP #274 ARS #915
QRP-L #2276 Zombie #768 NVQS #002

Date: Wed, 18 Apr 2001 23:08:23 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: wb8wtu@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [96665] Re: [TECH] RX/TX Offset Question (long)
Message-ID: <200104190341.f3J3f7621118@wolf.ncia.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Dennis, et all,

There is only one offset, the Rx offset. The Rx BFO is set 700 Hz (or there abouts) higher than the incoming signal, as vertually all our QRP rigs use ladder filters, which are LSB filters. Using a BFO on the high side of the filter passband ensures good opposite sideband supression.

In rigs that use a seperate Tx mixer and Tx BFO, the Tx BFO is set to produce the same frequency as the incoming signal, so the Tx BFO is set 700 Hz lower than the Rx BFO. This scheme allows for self generation of the sidetone. The offset is correct when you hear the same tone durring Tx as you listen to durring Rx.

Putting a cap in series with an xtal will rise it's frequency, putting a cap across an xtal will lower it's frequency. Therefore, a Rx BFO xtal will have a cap in series with it and the Tx BFO may have a cap across it, though often one is not needed.

In DC rigs, the Rx offset is done by shifting the LO, generally with a RIT control.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Wed, 18 Apr 2001 23:47:23 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: rarland@earthlink.net, qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [96666] qrp ssb
Message-ID: <3ADE5FCB.C31E2525@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

First of all, if you are going to run qrp, you would want to use a more effective mode than SSB.

CW and PSK31 are good choices.

For mikes, the MC50 is no comparison to the Heil HC5 or HC4 mike cartridges. The MC50/60 is somewhat of a collectors item these days and seems to go for a high price, around $100, too

rich for my blood. I would build something out of PVC pipe to
house an HC5 element, this would give you good audio, but CW
would be far more effective than voice when running Qrp.

If you really want to make some contacts, dust off that code key.

-Km1z

Date: Thu, 19 Apr 2001 00:56:05 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [96667] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <000301c0c895$6dc3ba80$82a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I placed my first order with them a while back when someone pointed out that
shipping was free and that the punch that is popular for making pads was on
sale for $9.95. The punch was advertised as metric, but it wasn't, and I
also received the same misrepresented solar panel. I blame both on sloppy
product description though, not on anything malicious. And I was glad the
punch wasn't metric. As far as shipping goes, they told me 7-10 working days
and UPS delivered it within 7-10 working days. I didn't qualify for the free
shipping, but it sounds to me like the free shipping is taking forever.

As far as being surprised by having something put on back-order, I verified
the items were in stock before finalizing my order.

I'm very satisfied that I got my money's worth - but am now a bit fearful
about trying it again!

Denny Payton, N9JXY
Auburn, IN

Date: Thu, 19 Apr 2001 00:16:43 -0700
From: Rick Conners WA7ND <wa7nd@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [96668] Tuna Tin II
Message-ID: <3.0.32.20010419001639.007bbc20@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HELP!!!

I have been building a Tuna Tin II for a month....I have the time; I have the desire; I just can't find the correct capacitors to finish it.

I have tried Ocean State, Radio Shack Online but can't find the following caps (per the published parts list):

C4 250pf (251)
C6 390pf (391)
C7 470pf (471M)
C8 .1uf small, orange, axial leads)
C11 150pf (151)

A source without a minimum order would be nice as the total of the above probably amounts to a whopping two bucks!

Any help would be appreciated regarding a source for these parts. I need to finish this before I lose what's left of my mind.

Thanks/73

Rick

WA7ND
wa7nd@arrl.net
ThunderPaws Ranch
Tumalo, Oregon, USA

Date: Thu, 19 Apr 2001 07:59:43 -0400
From: "Brian" <bmurrey@amexol.net>
To: <k5zty@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96669] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <001c01c0c8c8$391c1510$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bill,

I bought one of the punches for making Manhattan pads and it's defintely not a Craftsman tool but it does work as advertised and I've been able to make a couple thousand pads with it. I'm satisifed that the value I got was worth the money I paid for this item. I was unhappy with the shipping delays and the ridiculous handling charges.

We just had a new place open in Indy called Tool Warehouse, and it's chock full of Chinese made knock off tools at rock bottom prices...I'm going to check it out this weekend to see if they have a cheap yet decent (hahahah) sheet metal brake as I would like to start making some custom enclosures.

Buying from a mail advertisement is always a risk, since the pictures always seem to show the product in a much better light than reality.

Signed,

A former Harbor Freight customer.

----- Original Message -----
From: "Bill Stietenroth" <k5zty@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 18, 2001 8:04 PM
Subject: Re: Harbor Freight Misleading Advertising - BEWARE

> We have a new Harbor Freight store here in my area and the first time I
> went
> in it, I could just smell the cheap plastic wraped junk. Look at one of
> the parts
> manual for one of their Chicago Electric hand tools or one of their
> machine
> tools and there are key numbers for the parts but no part numbers and
> there is
> no name or address to order from. Their band saw is unusable as delivered
> and
> if you break one of the cast pot metal parts it's history.
> You get what you pay for, cheap price, cheap tool.
>
> Bill, K5ZTY
> Houston,TX
>

Date: Thu, 19 Apr 2001 08:35:11 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@Lehigh.EDU
Subject: [96670] Re: KITS - NC-20 keyer help needed
Message-ID: <3ADEDB7F.D0C61AC8@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Whiterook has some nice charts showing the operations, at:
http://electronicsusa.com/tickop.html
73, Ed,
K2MGM

Date: Thu, 19 Apr 2001 08:46:06 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96671] RE: qrp SSB
Message-ID: <078F21595FA7D411B87B00805FA728E64A46C8@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Fran,

Well, I'd like to disagree with you. There is no reason in the world not to use any modes available. I have been running QRP SSB (including 75 meter phone) since 1975 and never had any great disappointment. I did run 200 mw of AM on 75 meters in the mid 1950's and worked 17 states with it! It is more of a thrill than CW, which you know will have no problem. It gives a great joy to hear the other persons surprise when they hear your running 3 or 4 watts. I have had the thrill also of getting someone else to prove to their self that QRP really works!

For a Microphone, any inexpensive/cheap electret mic will do. Some sound better than the $$$$ ones!

Jerry
W3CDE

-----Original Message-----
From: Fran Flynn [mailto:fflynn@adelphia.net]

Sent: Wednesday, April 18, 2001 11:47 PM
To: Low Power Amateur Radio Discussion
Subject: qrp ssb

First of all, if you are going to run qrp, you would want to
use a more effective mode than SSB.

CW and PSK31 are good choices.

For mikes, the MC50 is no comparison to the Heil HC5 or HC4
mike cartridges. The MC50/60 is somewhat of a collectors item
these days and seems to go for a high price, around $100, too
rich for my blood. I would build something out of PVC pipe to
house an HC5 element, this would give you good audio, but CW
would be far more effective than voice when running Qrp.

If you really want to make some contacts, dust off that code key.

-Km1z

Date: Thu, 19 Apr 2001 08:45:32 -0400
From: tailfeathers@juno.com
To: dpayton@fwi.com
Cc: qrp-l@Lehigh.EDU
Subject: [96672] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <20010419.085408.-209355.3.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well guys I have been self employed for 26 or 28 years and need tools on
occasion and I learned years ago that Harbor Freight was a nightmare to
buy from and they sell mostly junk and very low quality junk at that.
You would do your selfs a favor if you would check into a company called
Northern Hydraulic. Much nicer products and service.

Gary
n8gsj

> I'm very satisfied that I got my money's worth - but am now a bit
> fearful
> about trying it again!
>
> Denny Payton, N9JXY
> Auburn, IN

>
>

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http://dl.www.juno.com/get/tagj.

Date: Thu, 19 Apr 2001 12:51:44
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: wa7nd@arrl.net, qrp-l@Lehigh.EDU
Subject: [96673] Re: Tuna Tin II
Message-ID: <F52msSVhGOD6gx3lKy800007996@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Try your Radio Shack store 272-109 should do for the .1 uF and for the others get a 272-809. See page 274 bottom right of the current catalog. You may have to parallel a couple caps for some of the values but you will be on the air this weekend!

>
>C4 250pf (251)
>C6 390pf (391)
>C7 470pf (471M)
>C8 .1uf small, orange, axial leads)
>C11 150pf (151)

>Any help would be appreciated regarding a source for these parts. I need to
>finish this before I lose what's left of my mind.
>>
>

Get your FREE download of MSN Explorer at http://explorer.msn.com

Date: Thu, 19 Apr 2001 08:56:48 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@Lehigh.EDU
Subject: [96674] Re: KITS - NC-20 keyer help needed
Message-ID: <3ADEE090.AE6C4F68@monmouth.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

See also:
http://www.njqrp.org/fireball40/
Click on "page 1" and "page 2" at "Tick Data Sheets".
73, Ed.
K2MGM

Date: Thu, 19 Apr 2001 09:19:52 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96675] RE: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <078F21595FA7D411B87B00805FA728E64A46CA@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

>From what I have seen on the low power panels, is they do rate them at a short circuit current. This is what my "15 Watt" panel does for the motor home. 21 VDC open circuit and 1 Amp short circuit. When hanging across the batteries, I peak out around 800 - 850 MA, which keeps them going all winter without need for external charging. As was pointed out as panels heat up, the output goes down. This is the reason a PV array is never mounted flat against a mounting. there must be air flow behind and over the panels to cool them.

Jerry
W3CDE

-----Original Message-----
From: bob evinger [mailto:wd9eka@arrl.net]
Sent: Wednesday, April 18, 2001 10:32 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Harbor Freight Misleading Advertising - BEWARE

And if you want to see real diversity on how temperature effects solar panels. I have approximately a 450 watt pv array. In theory it should put out around 28 amps at approx 17 volts in full cloudless sun on a 70 degree day (give or take an amp or two) :).

In the cold of winter with snow on the ground I have seen that array put out over 35 amps but on a hot summer day I plan on

only about 20-21 amps in full sun due to temperature. It can
be a real blast watching the amp meter on a partly cloudy day
when they are shaded long enough to cool down and then get a
blast of full sun. Amps will shoot up to 30+ amps for a short period
until the panels warm up again.

Oh and on cloudy days depending on density of clouds I can see
between 4 and 6 amps coming out. Except for the darkest dreariest days
I usually get something out of them. It is almost never a 0 amp hour
charge day with that size array. But I guess it is a QRO panel. It does
make the temperature and light level change effects much more obvious
though. I have a recording amp meter and track the day to day generation
of my panels for my own purposes.

 bob

On Wed, 18 Apr 2001, Brian Murrey wrote:

> John it would be different if the package had a couple of different
ratings,
> but it doesn't. So I'm left to surmise that HF is so illiterate they can
not
> read the product packaging.....or they could read it and decided to sell
> more by telling a bigger tale. It gets my goat when companies pull this
> crap. I may go ahead and turn them in to the Postmaster General's office
> purely out of spite....I'm otherwise a nice calm guy that like to play
with
> solder and stuff.
>
>
> ----- Original Message -----
> From: "John Moriarity" <k6qq@hdo.net>
> To: <bmurrey@amexol.net>; "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Wednesday, April 18, 2001 5:25 PM
> Subject: Re: Harbor Freight Misleading Advertising - BEWARE
>
>
> >
> > > > Well, both 'ratings' may be true. Your 90ma 12v may be a 'true'
> > > > rating. I.e. 90ma AT 12v (under a specific load condition)
> >
> > Mike is right. If you research solar panels, you'll find
> > that many are rated at open circuit voltage and short
> > circuit current in *full* sunlight. I'd never expect to get
> > the *full* rated current. The current output is also
> > temperature dependent, decreasing at high temperatures.

> >
> > My "15 watt" panel (designed for battery charging) only
> > outputs about 150 mA (short circuit) on a cloudy day.
> >
> > 73,
> >
> > John, K6QQ
> >
> >
> >
>
>
>

--
Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Thu, 19 Apr 2001 09:51:05 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <fflynn@adelphia.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96676] Re: qrp ssb
Message-ID: <00df01c0c8d7$cb250a20$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey, don't rule out SSB for QRP. I've worked Europe and South
America from my car SSB QRP. And I think two nights ago was
only the SECOND TIME I've ever pumped the K2 up past 5.0
on the power scale, and then only for a few transmissions.

SSB QRP is a LOT of fun.

Mike

Date: Thu, 19 Apr 2001 09:55:12 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96677] RE: long wire antennas
Message-ID: <078F21595FA7D411B87B00805FA728E64A46CC@atlexc02ntms.hboc.com>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I am using a 135 foot 10-15 feet high long wire here feed at the end with 300 ohm TV twinlead for about 50 feet or so. The reason for the feed line is to get it into the house conveniently. Better known as an end fed zep. runs ne-sw and feed line is in the sw end. I use it QRP and work Europe, Australia, South Pole, and the Mid East; running 1-5 watts. I do not worry much about lobes, I just use it. Works great, if I can hear em, I can work em. I use it from 160 M to 6 meters and it loads up on 2 M also. I worked South America on 6 M with it.

Less worry should be put into how good it's going to work and more effort into using what ever you can get into the air and use it. You might not be a rock crusher with 5 Watts but you will have lots of fun. Come on in, the waters fine!!

Jerry
W3CDE

Date: Thu, 19 Apr 2001 09:48:13 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Jerry.Lofstead@itb.mckhboc.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <wd9eka@arrl.net>
Subject: [96678] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <00cb01c0c8d7$661d6460$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How well does 'heat sinking' a solar panel work? I know, the accepted practice for passive cooling is to mount with air-flow under the panel, but if you had access to cool water for example... Coil a hose and run it behind the panel. Or mount the panel on an aluminum sheet with fins...

Mike

Date: Thu, 19 Apr 2001 10:02:52 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'mulveyr@iname.com'" <mulveyr@iname.com>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [96679] RE: [fpqrp] Harbor Freight Misleading Advertising - BEWARE
Message-ID: <078F21595FA7D411B87B00805FA728E64A46CD@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Rich,

If you check a map, you will see that Australia is a REALLY REALLY BIG
country also 8-)...

Jerry
W3CDE
-----Original Message-----
From: mulveyr@iname.com [mailto:mulveyr@iname.com]
Sent: Wednesday, April 18, 2001 5:50 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [fpqrp] Harbor Freight Misleading Advertising - BEWARE

[Charset iso-8859-1 unsupported, filtering to ASCII...]
> Brian wrote:
>> do) and at a state level the Department of Fair Trading with a variety of
very
> effective consumer orientated powers. They might also come to the
attention of
> the federal Trade Practices Commission, although they are usually reserved
for
> bigger fish.
>
> If HF were in my state and regularly pulled those kind of stunts they'd be
out
> of business.

 Yep. We have reasonably effective consumer-rights organizations.

 Unfortunately, we're also a really, really big country composed of states
that frequently have many different laws and regulations to be followed.
So it makes enforcement much more difficult than in the rest of the world,
where political and legal controls are far more centralized. A lot people
from outside the USA don't seem to realize just how independent the States
are, in a lot of matters.

Personally, I like our way of doing it. ;-)

- Rich

Date: Thu, 19 Apr 2001 10:10:29 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <fflynn@adelphia.net>, "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [96680] RE: qrp ssb
Message-ID: <000601c0c8da$7df4e100$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hhmmm... I'm a dyed-in-the-wool CW op, always have been, BUT my homebrew QRP (1.5 watts out) SSB transceiver on 20-meters, using a 150-ft. long doublet at 65 ft., netted me 75 countries in very short order.

My goal was the DXCC-2000 Award, but I fell short as the year ended. In any case, I had a great number of QSOs, some FB extended ragchews, and actually broke some pileups to boot!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Fran Flynn
Sent: Wednesday, April 18, 2001 11:47 PM
To: Low Power Amateur Radio Discussion
Subject: qrp ssb

First of all, if you are going to run qrp, you would want to use a more effective mode than SSB.

CW and PSK31 are good choices.

For mikes, the MC50 is no comparison to the Heil HC5 or HC4 mike cartridges. The MC50/60 is somewhat of a collectors item these days and seems to go for a high price, around $100, too rich for my blood. I would build something out of PVC pipe to house an HC5 element, this would give you good audio, but CW would be far more effective than voice when running Qrp.

If you really want to make some contacts, dust off that code key.

-Km1z

Date: Thu, 19 Apr 2001 09:01:32 -0500
From: "Richard Matthews" <prm@hiwaay.net>
To: <Jerry.Lofstead@itb.mckhboc.com>, <qrp-l@lehigh.edu>
Subject: [96681] Re: qrp SSB
Message-ID: <000b01c0c8d9$3e530320$fb06b99d@huntsville.sparta.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Well, I'd like to disagree with you. There is no reason in the world not
to
> use any modes available. I have been running QRP SSB (including 75 meter
> phone) since 1975 and never had any great disappointment. I did run 200 mw
> of AM on 75 meters in the mid 1950's and worked 17 states with it! It is
> more of a thrill than CW, which you know will have no problem. It gives a
> great joy to hear the other persons surprise when they hear your running 3
> or 4 watts. I have had the thrill also of getting someone else to prove
to
> their self that QRP really works!
> Jerry
> W3CDE
.....

Sure SSB QRP works and even with simple wire antennas. I sat on my old houseboat last Saturday afternoon with my portable FT-817 hooked to a piece of junk 10 meter dipole, not 10 feet above the water, and easily used SSB to contact a station in Costa Rica. When conditions are right on any band the low power SSB does a good job. Agreed SSB is more of a challenge than CW and PSK QRP but 5 watt CW and PSK is just too easy.

I don't like to use low power to check into nets and such when it makes it difficult on the net control station, but for playing around QRP SSB is lots of fun. I do not get a lot of kick out of making high power SSB contacts but snagging one with just a few watts is still a thrill.

73

Richard WA4NWW

Date: Thu, 19 Apr 2001 10:31:53 -0400 (EDT)
From: mulveyr@iname.com
To: Jerry.Lofstead@itb.mckhboc.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96682] Re: [fpqrp] Harbor Freight Misleading Advertising - BEWARE
Message-ID: <200104191431.KAA12734@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

[Charset iso-8859-1 unsupported, filtering to ASCII...]
>
> Rich,
>
> If you check a map, you will see that Australia is a REALLY REALLY BIG
> country also 8-)...
>

Yeah, but it also has a miniscule 20 million population. We have more people than that in a single Wal-Mart on a Saturday afternoon, sometimes. ;-)

- Rich

> Jerry
> W3CDE
> -----Original Message-----
> From: mulveyr@iname.com [mailto:mulveyr@iname.com]
> Sent: Wednesday, April 18, 2001 5:50 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: [fpqrp] Harbor Freight Misleading Advertising - BEWARE
>
>
> [Charset iso-8859-1 unsupported, filtering to ASCII...]
> > Brian wrote:
> >> do) and at a state level the Department of Fair Trading with a variety of
> very
> > effective consumer orientated powers. They might also come to the
> attention of
> > the federal Trade Practices Commission, although they are usually reserved
> for
> > bigger fish.
> >
> > If HF were in my state and regularly pulled those kind of stunts they'd be

> out
> > of business.
>
> Yep. We have reasonably effective consumer-rights organizations.
>
> Unfortunately, we're also a really, really big country composed of states
> that frequently have many different laws and regulations to be followed.
> So it makes enforcement much more difficult than in the rest of the world,
> where political and legal controls are far more centralized. A lot people
> from outside the USA don't seem to realize just how independent the States
> are, in a lot of matters.
>
> Personally, I like our way of doing it. ;-)
>
> - Rich
>

Date: Wed, 18 Apr 2001 11:54:46 -0700
From: sigcom@juno.com
To: qrp-l@Lehigh.EDU
Subject: [96683] Re: 2N2/40
Message-ID: <20010419.073114.-396951.0.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Group,

And might I add that it's spiral-bound and lays flat on the bench. Very
handy.

73.......Steve 'The Scrounger' Smith
 WB6TNL Oxnard, CA USA
 "snort rosin"

On Sat, 5 May 2001 08:54:07 -0700 "Doug Hendricks" <ki6ds@dph.dpol.net>
writes:
> Guys if you are interested in building the 2N2/40 from the QRPp
> article,
> (actually a whole issue devoted to one subject), you can order a
> copy of the
> issue from Paul Harden, NA5N, at Quicksilver Printing, PO Box 757,
> Socorro,
> NM 87801 for $12 postpaid. Please enclose a self addressed mailing

> label
> and indicate that you are ordering the 2N2/40 Special Issue of QRPp.
>
> Hope this helps. 72, Doug
>

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http://dl.www.juno.com/get/tagj.

Date: Thu, 19 Apr 2001 10:39:08 EDT
From: Kt3acam@aol.com
To: <nkristja@cadvision.com>
Cc: <aa4xx@ipass.net>, <al7fs@pobox.alaska.net>, <qrp-l@lehigh.edu>
Subject: [96684] K1 in TF land
Message-ID: <d6.5516839.2810528d@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dear Niels (VE6NJK/TF3NJ),

Yes, I have my K1 along. However, I have not had success in making a QSO with it, due to my antenna location and poor conditions here in the northern latitudes. I can't wait to try to operate from OX land!
This weekend, I will head for the coastlands and do portable opeations.

This is the land of wires and verticals. The winds are brutal on beams!

I would like to read the article you wrote for the TF Newsletter. Is is already published? I will ask the IRA tonight about it. I am going to visit them at TF3IRA, so look for me around 2000Z (19 April) and later near the QRP frequency of 14.060. They may let me operate the K1 on their antennas. I may try 7.040 too.

I have found the TF hams to be very friendly. I will pass on your 73 to them. I have some QSL cards from my local buro to give them.

72, Cam, TF/KT3A

Date: Thu, 19 Apr 2001 09:46:26 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU

Subject: [96685] Fun with Ferrites (longish)
Message-ID: <3.0.2.32.20010419094626.007f4ad0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

FYI, folks.

Here's a little test I did with the magnetic effects of ferrites on inductance.

Core = FT50-43
L1 = 10 t #26 over about 2/3 of the core
L2 = 20 t #30 over about 1/3 of the core

The turns for L1 and L2 were arbitrary

DC supply of 5 V regulated from my LM-317 test box.

Heathkit Resistance Substitution Box for a source of stepped resistors.

5 V DC was connected to L2 through the R box and the AADE L/C meter was connected to L1.

Initial inductance of L1 was 54 uH

>From 10 k ohms to 2.2 k ohms there was no noticeable change in the inductance of L1.

Then things started to happen...

1 k L=52 uH
470 ohms = 37 uH
220 ohms = 18 uH
100 ohms = 8 uH

The max calculated current is about 50 mA (0.25 W). These are not precise values but do show some intersting possibilities.

Not too useful for anything that needs to be power conservative but it might be a way to shift frequencies in a VFO/VXO circuit. The effects on Q, stability, and other values related to a tuned circuit would be a consideration too.

Maybe a tank circuit used to match impedanced could be fine-tuned for power transfer efficiency or...

Anyway, FYI, and some more testing of possible use in a tuned or broadband circuit is pending.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: http://www.netxqrp.org
[TMPS] Qs/126, States/40, DX /26, 3W to HF9V, Marsh Key, Codeboy Keyer

Date: Thu, 19 Apr 2001 08:32:33 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [96686] Spencer Battery Charger
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F4309980269@blaze.bcsc.gov.bc.ca>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I need to speak with someone who has built the Spencer Lead-Acid Battery
Charger that was featured in the March 1994 QST. Please e-mail me direct.
Thanks.

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Thu, 19 Apr 2001 08:38:20 -0700
From: Bill Jones <kd7s@psnw.com>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96687] Re: Fun with Ferrites (longish)
Message-ID: <3ADF066C.CCB41CA0@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interesting stuff, Chuck. In my junque box I have a couple
"Current Controlled Reactors". They are specially wound
transformers. You apply current to one winding and watch the
inductance change on the other. It has been quite a while since
I've played with them but I do remember using one to tune the

entire a.m. broadcast band on a crystal set with a variable
voltage power supply. Like you said, they aren't very power
thrifty but an interesting concept nonetheless. Obviously someone
thought it had enough commercial possibilities to manufacture a
small line of CCRs.

Chuck Carpenter wrote:
>
> FYI, folks.
>
> Here's a little test I did with the magnetic effects of ferrites on
> inductance.
--

Bill Jones - KD7S <><
Sanger, California
http://www.psnw.com/~kd7s/

Date: Thu, 19 Apr 2001 10:47:20 -0500
From: "George, W5YR" <w5yr@att.net>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96688] Re: Fun with Ferrites (longish)
Message-ID: <3ADF0888.4377A5AB@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Very interesting, Chuck . . .

I wonder . . . what do you get if you reverse the current direction and
observe the inductance variations with current magnitude? In other words,
what hysteresis effects do you notice, if any? And with different core
materials?

Not sure, but sounds like you may have invented the QRP saturable
reactor! <:}

Good work!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Chuck Carpenter wrote:
>
> FYI, folks.
>
> Here's a little test I did with the magnetic effects of ferrites on
> inductance.

Date: Sun, 6 May 2001 08:07:10 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <wa7nd@arrl.net>, <qrp-l@lehigh.edu>
Subject: [96689] Tuna Tin II Parts Query
Message-ID: <01c0d63e$39a98020$330b0d0a@doug.dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rick, it looks to me like you are building from the original schematic. The problem with that is that when the Tuna Tin II was designed by Doug DeMaw, we had different rules for "cleanliness" of output than we do today. Dave Meacham, W6EMD did the work to update the circuit so that it could be built with modern parts that are currently available, and would meet current FCC specs. Dave did not get much credit for his work but he is the one responsible for updating the circuit so that the rig is now clean.

You can go to the NorCal page, and click on the "Back to the Future" link at the bottom of the main page. It will take you to the Tuna Tin II info which will give you subs for the parts that you need.

The Ft. Smith QRP Group (JayBob's group) is currently working out the details to continue kitting this great classic. They will have it available very soon, and the great part is that the price will be about $12 postage paid. If you want to avoid the hassle of finding the parts, the Ft. Smith deal is a great one, and you help to support Arkiecon. Look for an announcement from JayBob soon. His deal will include all board mounted parts, including the board and crystal. A bargain!!

Hope this helps, and good luck with your project. If you don't have any luck finding the right caps (1 - 100pF, 2 - 220pF, 1 - 270 pF) let me know and I will send you the caps. 72, Doug

Date: Thu, 19 Apr 2001 11:11:39 -0500
From: Glen Reid <k5fx@flash.net>
To: johan_smet@pandora.be
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96690] Re: long wire antennas
Message-ID: <3ADF0E3B.31D76036@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Johan,

Based on my experience with true "long" wires, they can be truly effective radiators. To realize the true gain and directional benefits of "long" wire antenna they need to be multiple wavelengths long. Wire of less than several wavelengths are in fact just end fed random length wires.

As you lengthen the long wire it will be come directive off the ends of the wire. Long wire are slightly more directional from the distal or unfed end, but have usable directivity and in both directions along the length of the wire. As the length increases, the long wire develops multiple minor lobes and nulls around the compass, relative to the RF wavelength.

Also, "long" wires are best used in groups, either as long (relative to wavelength) single element radiators or grouped into V-Beams, Rhombics or other multiple element arrangements. This way the gain and directivity of the single wires can be selected (by switching single wires) for changing directions or combined for really significant gain in one or two directions.

Practically speaking, I very good array of "long" wires would be 12 or so single radiators, perhaps 120 meters in length spaced 30 degrees apart around the compass. Bury everything you can find for a ground, and tune the wires individually so you can easily switch between them, selecting the one that give the best signal.

In fact, that is exactly the configuration that I plan to deploy in the near future.

With regard to height, ANTENNA RULE #1 always applies: GET IT AS HIGH AND IN THE CLEAR AS POSSIBLE.

If you have the real estate for this kind of thing, get it up! If you are more limited, put up what ever you can and enjoy it. End fed wires are a bit more difficult to use than resonant dipoles, but with proper attention to grounding and feed can be very good performers and they are

truly multiband devices.

73,

gr

--
GLEN "Buck" REID
...in the beautiful hill country of TEXAS...
Email: k5fx@arrl.net

"The difference between genius and stupidity is that genius has its
limits"

Date: Thu, 19 Apr 2001 11:22:01 GMT
From: Walter D Amos <walt_amos@juno.com>
To: wa7nd@arrl.net
Cc: qrp-l@lehigh.edu
Subject: [96691] Re: Tuna Tin II
Message-ID: <20010419.153046.-196397.1.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick:

It sounds like you live way out in the country with that RANCH in the
signature.

If you can drive to a CITY on trash day you should be able to pick up AND
PLASTIC BUG BAG a few VCR and maybe even score an old computer or modem.
They will contain all the parts you need and probably a lot of CRITTERS
you don't need. DON'T just put them in the trunk or back seat, USE THE
BUG BAG! Take it from an old trash picker :-)

Do not take the junk into the house or your MOM will kill you! Open them
in the barn or better yet behind the barn, and stand back as the
cockroaches run out. Dust them off , the parts not the roaches, and do
the parts picking there! It helps to tuck your pants into your socks,
looks STUPID but keep things from running up your leg.

Good luck

Ain't QRP scratch building FUN :-((

Walt K8CV in Royal Oak, MI.

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http://dl.www.juno.com/get/tagj.

Date: Thu, 19 Apr 2001 10:14:57 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [96692] Re: Fun with Ferrites (longish)
Message-ID: <003401c0c8f4$42b97640$4cd6fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck
I have an old EICO tube-type TV service sweep generator. It seems to use a variation on that idea to provide the sweeping frequency. It looks like they apply ac to the reactor, causing the inductance to vary by a controlled amount, thereby sweeping between two frequency limits.
Looks like what goes around, comes around :-)
73, Bob N6WG

Date: Thu, 19 Apr 2001 09:46:35 -0700
From: Russ Dow <n7dw@pacbell.net>
To: bmurrey@amexol.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96693] Re: Harbor Freight Misleading Advertising - BEWARE
Message-ID: <3ADF166B.8697EE2B@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Brian and the gang,

Several years ago a similar cheapo store opened in Gilroy, CA. Cheap knockoffs, as you put it. We bought a few items and were disappointed despite the low prices, so we never went back. Eventually the place went out of business.

73,
Russ N7DW

Brian wrote:
>
 (snip)
>
> We just had a new place open in Indy called Tool Warehouse, and it's chock
> full of Chinese made knock off tools at rock bottom prices...I'm going to
> check it out this weekend to see if they have a cheap yet decent (hahahah)
> sheet metal brake as I would like to start making some custom enclosures.
>
 (snip)

Date: Thu, 19 Apr 2001 13:38:13 -0400 (EDT)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-l@lehigh.edu
Subject: [96694] SPRAT CD's
Message-ID: <Pine.BSF.4.10.10104191335540.13280-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone know what the current status with the SPRAT CD's is? I went to the
Funkamateur website and only the German pages were functional (I have a
full time job speaking English).

Will anyone be distributing SPRAT CD's in Dayton?

Henry

Date: Thu, 19 Apr 2001 13:52:04 +0100
From: "Ronald A. Pfeiffer" <Ronald_A_Pfeiffer@res.raytheon.com>
To: qrp-l@lehigh.edu
Subject: [96695] THIRD NEQRP SSB NET SUCCESSFUL!
Message-ID: <3ADEDF73.57A585CD@res.raytheon.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Third NEQRP SSB NET was held last night at 7:00PM on
7.284. Moved to avoid Broadcast stations. Moved again to 7.283
and all found me again!

All could hear each other and thanks to all checkins:

K1LGQ Dennis Brookline,NH ????? Dipole up 65'
N1CRI Mike Burlington,MA TT ARGO Loop up 35'
WA1OHR Ev Windsor,CT IC756 Dipole
W1CBI David Arlington,MA 1 watt Vertical
W1KRT Ken Springfield,NH IC-746 EndFed 100'up30'
W1CFI Paul Falmouth,MA FT707 G5RV upt 15feet
K1RC I John Dracut,MA IC-735 CF Zepp up 75'

AD8DFI Again heard but not copied.....

Your net control was
N1ZSW Ron Worcester ,MA K2 windom in attic

W1CBI, David, was running a SHIMIZU DENSHI SS105S rig at 1 watt!!!!!!

W1CFI, Paul, was operating from a Condo, No excuses here! Great signal

The band was co-operating so we had two rounds on the check-in list.

During this next week I will be listening on 75M for a quiet spot and will
try an informal "chat" after the regular NEQRP SSB NET.

I am having a blast running this net and hopr that al that checked in also
had a great time. So everyone, please push your key/padle aside for a short time and join us next week! The "thrill" is just as exciting on SSB!

ROn - N1ZSW

PS- Anyone having comments or suggestions please feel free to email me with your ideas.

Date: Thu, 19 Apr 2001 10:52:44 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>

Subject: [96696] Contest: QRPDUPE - New Version
Message-ID: <3ADF25EC.4DB602C9@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

 I have just uploaded to my WEB page, the newest version of QRPDUPE. This version now includes the Norcal QRPTTF contest that will be held the weekend of 4-28.

The program is free, and all pertinent information is either at the WEB site, or in the included Readme file inside of the QRPDUPE.ZIP file. Just download from:

http://www.dancris.com/~bkassel/index.htm#top

 Keep in mind that there are 2 QRPTTF selections available from the list box. There is last years, and this year's versions. For this year's version, you will want to select QRPTTF 2001.

 I have also added an often requested feature. That is for the user to be able to edit both the TIME and the DATE fields. Just go to the EDIT mode, and type in the changes, then save the record as before.

 Yes, the scoring works for all locations and even includes the bonus stations. Those who still prefer paper logging may find it useful to enter their QSO's after the contest to allow automatic scoring. Hats off to the head TTF contest goddess, Jan, for making the scoring in this event quite a challenge for my programming skills ;)

 Next on the agenda is to allow QSO's to be deleted. This feature is quite complicated to add, amazingly enough, as the original code was not set up to allow this, and the implementation of allowing deleted QSO's becomes quite tricky, especially for the scoring code, which is why it hasn't been done already.

 I'm adding the new features and other changes to the program according the order of the most requests for a particular request. Yes, the noisy bird gets the worm er... well something like that ;)

Thanks to everyone for their kind feedback and suggestions.

Brian K7RE

Date: Thu, 19 Apr 2001 19:58:30 +0200
From: "Ingo DK3RED" <dk3red@t-online.de>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [96697] Re: SPRAT CD's
Message-ID: <002a01c0c8fa$60b7a080$578e01d9@ingo>

Hello Henry, hello listener,

the SPRAT-CD is a long time here in Germany in the shacks. You can it
order by the Funkamateur. Yes, the English pages are not ready (also a
long time hi). Use the German pages.

Note: The SPART-CD required a Window 95 system or higher on your
computer. It runs NOT (!!!) under an other system. ;-((

72 de Ingo, DK3RED

E-Mail: dk3red@t-online.de - Homepage: http://www.t-online.de/~dk3red

Date: Thu, 19 Apr 2001 11:35:44 -0700
From: Bob Nielsen <nielsen@oz.net>
To: n5ib@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96698] Re: KITS - NC-20 keyer help needed
Message-ID: <20010419113544.D1557@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

You might want to download the Red Hat NC-20 docs from
http://www.redhotradio.com. The RH design has a few modifications from
the original, but you will find the documentation useful.

On Wed, Apr 18, 2001 at 09:30:07PM -0400, n5ib@juno.com wrote:
> I have a NorCal club NC-20, but don't have a full set of docs. I need
> some training on the keyer functions.
>
> After power up, pressing the keyer button cycles thru:
>
> S - I know that's speed setting
> T - that goes into tune mode
> A - bit of a mystery here
> K - again, not sure of function
>

> if I release the button after the A, then tap either paddle, then press
> the keyer button again, it cycles thru
>
> I
> P
> A
> SK
> M
> B
> K
>
> I'm really in the dark about these except that I found that tapping one
> of the paddles after SK puts me in straight key mode - which is what I
> wanted
>
> how about it, NC-20 users... can this J-38 afficianado be trained in the
> ways of the TIC keyer??
>
> 72
> Jim N5IB
>
>
> _____
> GET INTERNET ACCESS FROM JUNO!
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> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

Date: Thu, 19 Apr 2001 13:02:34 -0600
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [96699] QRP Nets
Message-ID: <F9645092A142D3118CBD00805F15292E134A79DA@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

Awhile ago someone posted a listing of QRP nets. I printed off the list
and have tried (unsuccessfully) to check in - the joy of QRP.

Now we've changed from standard to savings or savings to standard (I can
never remember what's suppose to be correct - I just know the cows have a

problem with it). Anyway, I wrote all the times down in LOCAL and not hearing anything was wondering if maybe things have changed.

SO, can the list be reposted again in ZULU (if that is the time standard, if it stays on time local let that be known also).

Thanks and 72's

Brad Mugleston, KI0OT
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

Date: Thu, 19 Apr 2001 12:10:30 -0700
From: Bob Welch <p326@earthlink.net>
To: nielsen@oz.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96700] Re: KITS - NC-20 keyer help needed
Message-ID: <3ADF3826.520D6AF@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,
a=Adm mode ,which allows you to accccess various setup parameters
k=keyer mode, if you release the pushbutton,keyer returns to normal mode
Bob Welch

Bob Nielsen wrote:

> You might want to download the Red Hat NC-20 docs from
> http://www.redhotradio.com. The RH design has a few modifications from
> the original, but you will find the documentation useful.
>
> On Wed, Apr 18, 2001 at 09:30:07PM -0400, n5ib@juno.com wrote:
> > I have a NorCal club NC-20, but don't have a full set of docs. I need
> > some training on the keyer functions.
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> > if I release the button after the A, then tap either paddle, then press
> > the keyer button again, it cycles thru
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> > P
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> > M
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> > K
> >
> > I'm really in the dark about these except that I found that tapping one
> > of the paddles after SK puts me in straight key mode - which is what I
> > wanted
> >
> > how about it, NC-20 users... can this J-38 afficianado be trained in the
> > ways of the TIC keyer??
> >
> > 72
> > Jim N5IB
> >
> >
> > ___
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> > http://dl.www.juno.com/get/tagj.
>
> --
> Bob Nielsen, N7XY nielsen@oz.net
> Bainbridge Island, WA http://www.oz.net/~nielsen
> IOTA NA-065, USI WA-028S

Date: Thu, 19 Apr 2001 21:04:40 +0100
From: Euramcom <mel@euramcom.freeserve.co.uk>
To: <qrp-l@lehigh.edu>
Subject: [96701] Harbor Freight?
Message-ID: <E14qKll-0007vx-00.2001-04-19-21-11-14@mail4.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi gangue,

We don't have HF over here, but we do have some similar outlets.=
 I
will only buy from those if it's a tool that I need/want for a=
 one
off job, and I can preferably see it before I but it.

I figure that way I can write off the cost against the fact that=
 I'll
probably never do the same job or want the same tool again.=
 Like,- a
pair of left-handed sausage waffle irons- would only ever be used=

once and the "pro" model is like =A330.00 and the "el cheapo"=
 chinese
copy is only =A36.00.

On the other hand, if I want a pair of wire snips for working=
 with
hard wiring on a circuit or chassis, then I would be happy to=
 spend
=A335.00 for a pair of Lindstrom hardened stainless ones knowing=
 they
will last till I retire. The cheap =A34.00 pair of ordinary steel=
 snips
will last me around 5 to 6 months at work and just don't cut the=

mustard for professional or serious amateur work.

My two pence (cents) worth

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit http://www.euramcom.freeserve.co.uk for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Thu, 19 Apr 2001 11:59:58 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [96702] Re: qrp ssb
Message-ID: <20010419115958.E1557@oz.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

I used to think that QRP SSB would be a big lesson in frustration until I tried it. You do need patience, but in the past few months I have worked the following on SSB running 5 watts PEP to a simple (100 ft. off-center fed bent wire at 20 ft.) antenna (variously on 10, 12, 15 and 20 meters, in order worked):

KH6, YV, 8P, PY0F, 6Y, VR2, J3, TI, XE, KP4, 5W, ZK2, LY, OM, JA, KL7, ZL, S5, ON, OH, SP.

72, Bob

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

Date: Thu, 19 Apr 2001 20:11:37 -0000
From: "Ed Juge/NM" <ed@juge.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [96703] Re: qrp SSB
Message-ID: <008d01c0c90d$49fdc6e0$eeddead8@v300>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll add my second (or third or whatever) to this thread. I've worked quite a few countries on SSB since I got my FT-817 and my K2... less than 2 months ago. Just this morning early, I worked Fiordland on the southern part of the southern island of New Zealand on 14.244 MHz. His sig was 5-8. He gave my 5 watts into a Hy-Gain Hy-Tower vertical a 5-7. He had a number of stations calling him, though not a major pile-up. He answered my third call.

Ed, W5EJ, Ruidoso, NM

----- Original Message -----
From: "Richard Matthews" <prm@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, April 19, 2001 2:01 PM
Subject: Re: qrp SSB

>
> > Well, I'd like to disagree with you. There is no reason in the world
not
> to
> > use any modes available. I have been running QRP SSB (including 75
meter
> > phone) since 1975 and never had any great disappointment. I did run 200
mw
> > of AM on 75 meters in the mid 1950's and worked 17 states with it! It is
> > more of a thrill than CW, which you know will have no problem. It gives
a
> > great joy to hear the other persons surprise when they hear your running
3
> > or 4 watts. I have had the thrill also of getting someone else to prove
> to
> > their self that QRP really works!
> > Jerry
> > W3CDE
> ..
>
> Sure SSB QRP works and even with simple wire antennas. I sat on my old
> houseboat last Saturday afternoon with my portable FT-817 hooked to a
piece
> of junk 10 meter dipole, not 10 feet above the water, and easily used SSB
to
> contact a station in Costa Rica. When conditions are right on any band the
> low power SSB does a good job. Agreed SSB is more of a challenge than CW
and
> PSK QRP but 5 watt CW and PSK is just too easy.
>
> I don't like to use low power to check into nets and such when it makes it
> difficult on the net control station, but for playing around QRP SSB is
lots
> of fun. I do not get a lot of kick out of making high power SSB contacts
but
> snagging one with just a few watts is still a thrill.
>
> 73
>
> Richard WA4NWW
>
>
>

Date: Thu, 19 Apr 2001 16:17:44 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <mel@euramcom.freeserve.co.uk>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96704] Re: Harbor Freight?
Message-ID: <00a101c0c90d$cf477b20$4206d10a@endpoints.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

> On the other hand, if I want a pair of wire snips for working with
> hard wiring on a circuit or chassis, then I would be happy to spend
> 35.00 for a pair of Lindstrom hardened stainless ones knowing they
> will last till I retire. The cheap 4.00 pair of ordinary steel snips
> will last me around 5 to 6 months at work and just don't cut the
> mustard for professional or serious amateur work.
>
> Mel Evans GM6JAG Edinburgh Scotland

The real problem, in my mind, with cheap tools is that they DON'T
break. They just get bad. Then you're stuck with a poor tool until
you gorilla it to break it or you finally realize that your frustrations
are not because your wife (or ex) burnt your toast that morning, but
are really because you are making do with a piece of junk trying to
do a serious job.

Throwing out a tool that is crap is always a tough decision. Better
to just make the decision to buy quality in the first place.

Mike

Date: Thu, 19 Apr 2001 16:22:52 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <nielsen@oz.net>, "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [96705] RE: qrp ssb
Message-ID: <000101c0c90e$8345f8e0$df0cf618@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FB Bob! Great fun, eh? Isn't it always amazing what can be accomplished with
extraordinary results using flea power?

Here's my DXCC list as of June of last year towards the DXCC-2000 Award. These QSOs were made on 20-M with 1.5W output power and a dipole using a my Manhattan-style homebrew SSB filter rig. I've added quite a few to this list since then.

3B8	Mauritius
4K	Azerbaijan
4L	Georgia
4X	Israel
9A	Croatia
9K	Kuwait
CE	Chile
CO	Cuba
CT	Portugal
CU	Azores
DL	Germany
EA	Spain
EI	Ireland
EK	Armenia
ER	Moldova
ES	Estonia
EW	Belarus
F	France
FY	French Guiana
G	England
GW	Wales
HA	Hungary
HB	Switzerland
HB0	Liechtenstein
HI	Dominican Republic
HK	Colombia
HP	Panama
I	Italy
J6	St. Lucia
JW	Svalbard
W	USA
KG4	Guantanamo Bay
KL7	Alaska
LA	Norway
LU	Argentina
LX	Luxembourg
LY	Lithuania
LZ	Bulgaria
OA	Peru
OE	Austria
OH	Finland
OK	Czech Republic

OM Slovakia
ON Belgium
OZ Denmark
P4 Aruba
PJ4 Curacao
PJ5 St. Maarten
PY Brazil
S5 Slovenia
SM Sweden
SP Poland
SV Greece
T9 Bosnia
TA Turkey
TK Corsica
UA European Russia
UA0 Asiatic Russia
UN Kazakh Republic
UR Ukraine
V3 Belize
V4 St. Kitts
VE Canada
VP9 Bermuda
YL Latvia
YO Romania
YU Yugoslavia
YV Venezuela
Z3 Macedonia
ZF Cayman Islands
ZS South Africa

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Bob Nielsen
Sent: Thursday, April 19, 2001 3:00 PM
To: Low Power Amateur Radio Discussion
Subject: Re: qrp ssb

I used to think that QRP SSB would be a big lesson in frustration until I tried it. You do need patience, but in the past few months I have worked the following on SSB running 5 watts PEP to a simple (100 ft. off-center fed bent wire at 20 ft.) antenna (variously on 10, 12, 15 and 20 meters, in order worked):

KH6, YV, 8P, PY0F, 6Y, VR2, J3, TI, XE, KP4, 5W, ZK2, LY, OM, JA, KL7, ZL, S5, ON, OH, SP.

72, Bob

--
Bob Nielsen, N7XY nielsen@oz.net
Bainbridge Island, WA http://www.oz.net/~nielsen
IOTA NA-065, USI WA-028S

Date: Thu, 19 Apr 2001 15:33:50 -0500
From: Michael Melland <w9wis@charter.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96706] RE: qrp SSB
Message-ID: <NEBBLKAGEKBNGELOFFCAOEDNCHAA.w9wis@charter.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Gee guys I've been working QRP SSB DX and Stateside contacts since last
summer with 1.5 watts from an old Argonaut into an inverted V hanging up
about 18 ft at the center attached to a SD-20 fishing pole. I have many
1000 mile per watt contacts on every band I work... even 40. No one ever
told me it was hard <grin> so I've been having a ball !!

72/73
--
Michael Melland, W9WIS
QRP-L #1656 QRPARCI #9875
SOC #142 FPQRP #244 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Thu, 19 Apr 2001 13:33:36 -0700
From: Bill Jones <kd7s@psnw.com>
To: unlisted-recipients:; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96707] Re: Harbor Freight?
Message-ID: <3ADF4BA0.AEBA1418@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe it's just me, but I'm still a little cranky about the way

the Chinese government is acting over the so called "spy plane"
incident. About the only way I can make my protest felt is by
refusing to purchase anything with a "made in China" sticker
attached. That pretty well keeps me out of Harbor Freight in the
first place.
--

Bill Jones - KD7S <><
Sanger, California
http://www.psnw.com/~kd7s/

Date: Thu, 19 Apr 2001 15:32:05 -0500
From: "David Bixler" <dbixler@co.seneca.k12.mo.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96708] VE7SL's Tuna Tin WAS is Official!
Message-ID: <002001c0c90f$cc677ac0$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Gang:

Let's give a big round of applause to Steve VE7SL for the first WAS
in history using a Tuna Tin 2 transmitter!

Check out the official picture and story at the ARRL's web site:

http://www.arrl.org/news/stories/2001/04/19/2/?nc=1

Congrat's Steve, well done!

72,

Dave

David Bixler W0CH - VK2IQX
Seneca, Missouri QRP-L #618
QRP Web Site Main: http://www.qsl.net/w0ch/
QRP Web Site Mirror: http://showcase.netins.net/web/w0ch/
Mailto:w0ch@arrl.net

QRP: Little radios, big fun!

Date: Thu, 19 Apr 2001 16:55:25 -0400 (EDT)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: Euramcom <mel@euramcom.freeserve.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96709] Re: Harbor Freight?
Message-ID: <Pine.BSF.4.10.10104191654170.15134-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I find that the cheap stuff gives me 70-80% of the utility at 40% of the
cost.

Henry

Date: Thu, 19 Apr 2001 17:00:54 -0400
From: adamvaz@palm.net (Adam Vazquez)
To: kd7s@psnw.com, qrp-l@Lehigh.EDU, fcuadrado@aol.com, fcuadrado@compuserve.com,
fcuadrado@palm.net
Subject: [96710] Re: refusing "made in China"
Message-ID: <GC251J00.BK9@mo110usjc.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kd7s@psnw.com wrote on 4/19/01 4:33 pm:

>Maybe it's just me, but I'm
>still a little cranky about the
>way
>the Chinese government is
>acting over the so called
>"spy plane"
>incident. About the only way
>I can make my protest felt is
>by
>refusing to purchase
>anything with a "made in
>China" sticker
>attached.
Hello de Adam KB2JPD

You might want to ask your merchant what the exact country/nation of origin is.

The democracy of Taiwan and Mainland China both put "made in China" stickers on their wares.

You may be punishing the wrong nation.

By the way, do you know the exact nation of origin is, of your fuel?

Many times, it is of Iraqi and indirectly Libyan origin. Aren't they still on the lists of prohibited countrys still considered terroristic?

Many times, it takes more than a glance....

Date: Thu, 19 Apr 2001 17:02:38 -0400 (EDT)
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: Ingo DK3RED <dk3red@t-online.de>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96711] Re: SPRAT CD's
Message-ID: <Pine.BSF.4.10.10104191701130.15246-100000@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well, one big problem with this is that my entire German vocabulary comes from watching old episodes of Hogan's Heros.

things would be much easier if someone in Dayton were selling the CD's.

Date: Thu, 19 Apr 2001 14:09:40 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: kd7s@psnw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [96712] Re: Harbor Freight?
Message-ID: <3ADF5414.38D6703C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Jones wrote:
>
> Maybe it's just me, but I'm still a little cranky about the way
> the Chinese government is acting over the so called "spy plane"
> incident. About the only way I can make my protest felt is by
> refusing to purchase anything with a "made in China" sticker
> attached. That pretty well keeps me out of Harbor Freight in the
> first place.
>

You will have to work harder than that to avoid "Made in China" labels, Bill. Now tht recent events have elevated my awareness, I'm amazed at the number of things I have (some pretty high tech .. e.g., a very small Canon flatbed scanner) that are so labeled.

73, Phil W7OX

Date: Thu, 19 Apr 2001 16:25:20 +0000
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [96713] You must stop me NOW! I need some intervention here!
Message-ID: <20010419.162619.-440545.1.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Fellow loonies!

I got my most recent issue of SPRAT and once again on the back there's an advert for the FOXX-3 transceiver. Fits in an Altoids box! And it's a KIT! I gotta build it! Help me! Help me!

I even sent a note off to Bill Kelsey askin' him if he was gonna have any of 'em for Dayton!

I got 14 radios in this room! Fourteen! And an LDG RT-11 tuner in the pipeline to my house! I don't need another radio! I don't need more stuff! I need a drink! And a badger! Yeah, a badger! That's what I need!

One of those cute little badgers in a sundress with an umbrella on the beach! Hair blowing in the wind, the sun coming up from the bottom of the sea. Yeah, a badger like that!

And two glasses & some lutefisk! I mean, I got the akvavit! All I need is a cute little badger in a sun dress at the beach & some lutefisk & maybe some of those funny-tastin' little swedish crackers. And one of those

fiberglass antenna thingies with a solar panel for the battery & the little table that Stenograph makes with

ARRRRRRHHGGGHGHGHyeeeeeeeeeeee!

See! It's happening again! I start off with a regular, sane, normal sort of hallucination and the next thing I know it's turned into another tiny radio in an Altoids box!

Please! You gotta help me!

The voices won't stop! They keep saying "Hamvention's coming . . . you need another radio . . . you could get a single-band SSB radio and that would or one of those little radios in an Altoids box . . . don't worry about the badgers Everything will work out just fiiiiiine . . . Cindy won't notice . . . Go on! Admit it! You're worthless and weeeeeaaaak without another radio . . . Go on . . . Give in . . . It'll make you feel better . . . All your base are belong to us . . . "

I CAN'T STAND IT ANY MORE!

Ayeeeeeeee!

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes
http://w8ijn.www6.50megs.com -- W8IJN --
http://members.fortunecity.com/nilsbull
"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"
-- Comrade Nikolai Sergeievich McTovarishov, 19 Oct 1917

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http://dl.www.juno.com/get/tagj.

Date: Thu, 19 Apr 2001 14:47:47 -0700
From: "Chris Trask" <ctrask@qwest.net>
To: w5usj@globeco.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96714] Re: Fun with Ferrites (longish)

Message-ID: <3ADF5D03.27BC8A72@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wrote an article on this in Applied Microwaves & Wireless a couple of years back. Very nice for remote tuning where signal linearity is a concern.

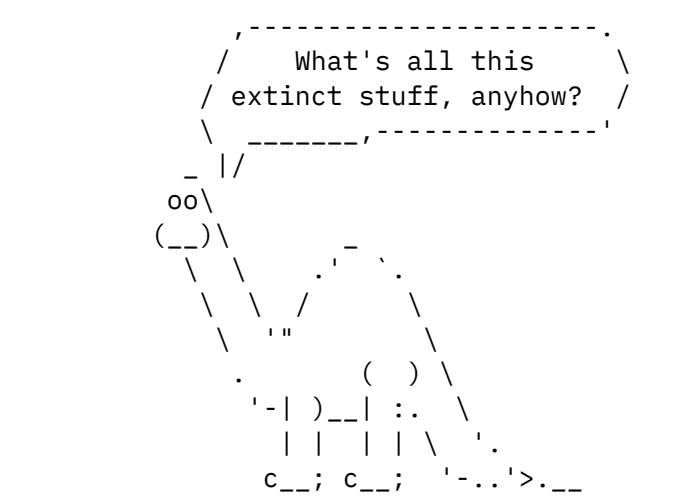
Chris

Chuck Carpenter wrote:

> FYI, folks.
>
> Here's a little test I did with the magnetic effects of ferrites on
> inductance.
>
> Core = FT50-43
> L1 = 10 t #26 over about 2/3 of the core
> L2 = 20 t #30 over about 1/3 of the core
>
> The turns for L1 and L2 were arbitrary
>
> DC supply of 5 V regulated from my LM-317 test box.
>
> Heathkit Resistance Substitution Box for a source of stepped resistors.
>
> 5 V DC was connected to L2 through the R box and the AADE L/C meter was
> connected to L1.
>
> Initial inductance of L1 was 54 uH
>
> >From 10 k ohms to 2.2 k ohms there was no noticeable change in the
> inductance of L1.
>
> Then things started to happen...
>
> 1 k L=52 uH
> 470 ohms = 37 uH
> 220 ohms = 18 uH
> 100 ohms = 8 uH
>
> The max calculated current is about 50 mA (0.25 W). These are not precise
> values but do show some intersting possibilities.
>
> Not too useful for anything that needs to be power conservative but it

> might be a way to shift frequencies in a VFO/VXO circuit. The effects on
> Q, stability, and other values related to a tuned circuit would be a
> consideration too.
>
> Maybe a tank circuit used to match impedanced could be fine-tuned for power
> transfer efficiency or...
>
> Anyway, FYI, and some more testing of possible use in a tuned or broadband
> circuit is pending.
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
> Zombie #759, RARA #3, Visit NETXQRP Web Site: http://www.netxqrp.org
> [TMPS] Qs/126, States/40, DX /26, 3W to HF9V, Marsh Key, Codeboy Keyer

--



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Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@qwest.net
http://www.******.net/~ctrask

Graphics by Loek Frederiks

Date: Thu, 19 Apr 2001 15:56:41 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <w9wis@charter.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [96715] Re: qrp SSB
Message-ID: <000f01c0c91b$9ed2f7e0$34db070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also have been working SSB with a QRP+ at 2 watts and have worked the Check

countries and have always had a 5 6 to 59 report on 20 meters with a 2 element beam 72 Cal KF7ET misplaced Vermonter in Idaho
----- Original Message -----
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, April 19, 2001 2:33 PM
Subject: RE: qrp SSB

> Gee guys I've been working QRP SSB DX and Stateside contacts since last
> summer with 1.5 watts from an old Argonaut into an inverted V hanging up
> about 18 ft at the center attached to a SD-20 fishing pole. I have many
> 1000 mile per watt contacts on every band I work... even 40. No one ever
> told me it was hard <grin> so I've been having a ball !!
>
> 72/73
> --
> Michael Melland, W9WIS
> QRP-L #1656 QRPARCI #9875
> SOC #142 FPQRP #244 IPARC #252
> EN54pc Winnebago Cty, Wisc.
>
>

End of QRP-L Digest 2164

